

Title (en)  
Condenser for vehicles

Title (de)  
Kondensor für Kraftwagen

Title (fr)  
Condenseur pour véhicules

Publication  
**EP 1413845 B1 20050803 (EN)**

Application  
**EP 02425644 A 20021025**

Priority  
EP 02425644 A 20021025

Abstract (en)  
[origin: EP1413845A1] The condenser includes a distributor (12) provided with an integral seat (28) having a hole (32) with a cylindrical wall. The cylindrical wall establishes a fluid tight contact with the end portion (30) of a fluid inlet or outlet pipe.

IPC 1-7  
**F28F 9/04**; **F28F 9/02**; **F28F 9/00**

IPC 8 full level  
**F28D 1/053** (2006.01); **F28F 9/00** (2006.01); **F28F 9/02** (2006.01); **F28F 9/04** (2006.01)

CPC (source: EP)  
**F28D 1/05366** (2013.01); **F28F 9/002** (2013.01); **F28F 9/0224** (2013.01); **F28F 9/0246** (2013.01); **F28F 9/0248** (2013.01);  
**F28D 2021/0084** (2013.01); **F28F 2220/00** (2013.01)

Cited by  
JP2018063107A; EP2584302A3; EP1881288A1; US11480348B2; WO2018070375A1; US8091617B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)  
**EP 1413845 A1 20040428**; **EP 1413845 B1 20050803**; AR 041687 A1 20050526; AT E301274 T1 20050815; BR 0304579 A 20040831;  
CN 1498788 A 20040526; DE 60205383 D1 20050908; DE 60205383 T2 20060413; ES 2243686 T3 20051201; PL 201780 B1 20090529;  
PL 363094 A1 20040504; PT 1413845 E 20051031

DOCDB simple family (application)  
**EP 02425644 A 20021025**; AR P030103838 A 20031022; AT 02425644 T 20021025; BR 0304579 A 20031024; CN 200310104336 A 20031024;  
DE 60205383 T 20021025; ES 02425644 T 20021025; PL 36309403 A 20031024; PT 02425644 T 20021025